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	Application No.	Applicant(s)	
Notice of Allowability	09/895,048	MESARINA ET AL.	
	Examiner	Art Unit	
	Asad M. Nawaz	2155	
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT Roof the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	olication. If not include will be mailed in due	ed course. THIS
1. $igtimes$ This communication is responsive to <u>the RCE filed on 9/8/</u>	<u>05</u> .		
2. X The allowed claim(s) is/are <u>1-3,5,7-12,14,16-21,23,25-30,3</u>	32 and 33.		
 Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 	4		
1. Certified copies of the priority documents have			
2. Certified copies of the priority documents have			
3. Copies of the certified copies of the priority do	cuments have been received in this i	national stage applica	tion from the
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give	MENT of this application. iitted. Note the attached EXAMINER'	S AMENDMENT or N	
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 CORRECTED DRAWINGS (as "replacement sheets") mus (a) ☐ including changes required by the Notice of Draftspers 	· ·	QAR) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	- · · · · · · · · · · · · · · · · · · ·	940) attached	
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date		office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			back) of
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 	SIT OF BIOLOGICAL MATERIAL IN FOR THE DEPOSIT OF BIOLOGICA	nust be submitted. N AL MATERIAL.	Note the
Attachment(s) 1. ⊠ Notice of References Cited (PTO-892)	5. ☐ Notice of Informal P	atent Application (PT)	D 152)
 Notice of References Cited (P10-692) Notice of Draftperson's Patent Drawing Review (PTO-948) 	6. ∰ Interview Summary		J 102)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dat	e	
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SUPERVISORY PATENT EXAMINER			

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

- 2. Authorization for this examiner's amendment was given in a telephone interview with John P. Wagner (Reg. No. 35,398) on 12/8/05.
- 3. The application has been amended as follows:

In the claims:

Claims 1, 4, 10, 13, 19, 22, 28, and 31 have been amended as follows.

Claim 1. (Currently Amended) In a server device, a method for processing an encoded data stream wherein said encoded data stream is non-preemptable and subject to precedence constraints, said method comprising:

assigning a processor settings to tasks in a plurality of tasks, wherein a respective processor setting corresponds to a setting used by a processor of a client device to execute a task of said plurality of tasks and wherein said task decodes without preemption a frame of said encoded data stream;

generating an execution schedule for decoding said encoded data stream, wherein said execution schedule comprises a sequence for executing at said client device said plurality of tasks according to precedence constraints of the encoded data stream that fix the order for executing at least a subset of said tasks;

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and transmitting to said client device said execution schedule and said processor settings;

and wherein said processor of said client device operates using a discrete variable-voltage power supply.

Claim 4. (canceled)

Claim 10. (currently amended) A computer system comprising:

a bus;

a memory unit coupled to said bus;

a communication interface coupled to bus and operable to establish a communication link with a client device;

and a processor coupled to said bus, said processor for executing a method for processing an encoded data stream wherein said encoded data stream is non-preemptable and subject to precedence constraints, said method comprising;

assigning a processor settings to tasks in a plurality of tasks, wherein a respective processor setting corresponds to a setting used by a processor of said client device to execute a task and wherein said task decodes without preemption a frame of said encoded data stream;

generating an execution schedule for decoding said encoded data stream, wherein said execution schedule comprises a sequence for executing at said client device said plurality of tasks according to precedence constraints of the encoded data stream that fix the order for executing at least a subset of said tasks;

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and transmitting to said client device said execution schedule and said processor settings;

and wherein said processor of said client device operates using a discrete variable-voltage power supply.

Claim 13. (canceled)

Claim 19. (currently amended) A computer-usable medium having computerreadable program code embodied therein for causing a computer system to perform a method of processing an encoded data stream, said method comprising:

assigning processor settings to tasks in a plurality of tasks, wherein a respective processor setting corresponds to a setting used by a processor of a client device to execute a task of said plurality of tasks and wherein said task decodes without preemption a frame of said encoded data stream;

generating an execution schedule for decoding said encoded data stream, wherein said execution schedule comprises a sequence for executing at said client device said plurality of tasks according to precedence constraints of the encoded data stream that fix the order for executing at least a subset of said tasks;

and transmitting to said client device said execution schedule and said processor settings;

and wherein said processor of said client device operates using a discrete variable-voltage power supply.

Claim 22 (Canceled).

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Claim 28 (currently amended) In a client device, a method for decoding an encoded data stream, said method comprising:

receiving said encoded data stream, wherein said encoded data stream is non-preemptable and subject to precedence constraints of the encoded data stream that fix the order for executing at least a subset of said tasks;

receiving an execution schedule for decoding said encoded data stream, wherein said execution schedule comprises a sequence for executing a plurality of tasks according to said precedence constraints, wherein a task decodes without preemption a frame of said encoded data stream;

and receiving a processor setting for each task in said plurality of tasks, wherein said processor setting specifies a setting used by a processor of said client device to execute a respective task;

and wherein said processor of said client device operates using a discrete variable-voltage power supply.

Claim 31 (canceled).

Examiner's Reasons For Allowance

4. The following is an examiner's statement of reasons for allowance: The prior art of record does not teach or disclose alone or in combination the fixing of precedence constraints of the encoded data stream in a system utilizing a discrete variable-voltage power supply in the environment as taught in the instant application.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asad M. Nawaz whose telephone number is (571) 272-3988. The examiner can normally be reached on M-F 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



SALEH NAJJAR
SUPERVISORY PATENT EXAMINER